

CONSTRUCTION FEATURES

Load Capacity Up to 220 lbs.

- Finish: zinc-chromatized.
- Design: pressed steel, double ball raceway swivel.
- Brake Pedal: chrome plated, zinc alloy standard.
- Thread Guards: plastic, except where noted.
- Axle: 5/16" diameter bolt with lock nut.
- Environmentally Friendly: non-toxic recyclable parts and ROHS compliant.

CASTER OPTIONS

- Total Lock: locks wheel and swivel simultaneously.
- Directional Lock: locks swivel only for easy rolling in straight line.
- Nylon Brake Pedals: consult Acorn™.

MOUNTING OPTIONS

Swivel & Rigid Top Plates (P1 - P3) (25mm = 1in)

| Mtg Code | Plate Size | Bolt Hole Spacing | Mounting Hole |
|----------|--------------|-----------------------------------|---------------|
| P1 | 95mm x 70mm | 75mm x 55mm or 72mm x 42mm 9mm | 9mm |
| P2 | 77mm x 67mm | 61.5mm x 52mm or 56mm x 45mm | 8.5mm |
| P3 | 105mm x 80mm | 85mm x 60mm or 75mm x 60mm | 10mm |

Round Stem (R8 - R16) (25mm = 1in)

| Mtg Code | Stem Dia. | Stem Length | Hole to Base | Mounting Hole |
|----------|-----------|-------------|--------------|---------------|
| R8 | 22mm | 45mm | 19mm | M8x1.25 |
| R9 | 28mm | 45mm | 19mm | M8x1.25 |
| R16 | 25.6mm | 45mm | 19mm | M8x1.25 |

2C-ZC SERIES WITH P1 TOP PLATE*

| Dia. (mm) | Tread Width | Wheel Type | Bearing Type | Cap. (lbs.) | Total Lock Model # | Directional Lock Model # | Swivel Model # | Rigid Model # | Load Height (mm) | Swivel Offset |
|-----------|-------------|------------------------------|--------------|-------------|------------------------|--------------------------|------------------------|------------------------|------------------|---------------|
| 75 | 32 | TPU | Ball | 110 | 2J-ZC-Y380P1/W300 | 2J-ZC-Y380DP1/W300 | 2J-ZC-Y381P1/W300 | 2J-ZC-Y382P1/W300 | 107.0 | 33.0 |
| 75 | 32 | White Nylon ¹ | Plain | 110 | 2J-ZC-Y380P1/W309C | 2J-ZC-Y380DP1/W309C | 2J-ZC-Y381P1/W309C | 2J-ZC-Y382P1/W309C | 107.0 | 33.0 |
| 75 | 32 | Elast. Rubber | Ball | 110 | 2J-ZC-Y380P1/W324 | 2J-ZC-Y380DP1/W324 | 2J-ZC-Y381P1/W324 | 2J-ZC-Y382P1/W324 | 107.0 | 33.0 |
| 100 | 32 | TPU | Ball | 176 | 2J-ZC-Y480P1/W400U | 2-2J-ZC-Y480DP1/W400U | 2J-ZC-Y481P1/W400U | 2J-ZC-Y482P1/W400U | 135.0 | 40.5 |
| 100 | 32 | TPR | Ball | 176 | 2J-ZC-Y480P1/W403U | 2J-ZC-Y480DP1/W403U | 2J-ZC-Y481P1/W403U | 2J-ZC-Y482P1/W403U | 135.0 | 40.5 |
| 100 | 32 | White Nylon ¹ | Plain | 176 | 2J-ZC-Y480P1/W409C | 2J-ZC-Y480DP1/W409C | 2J-ZC-Y481P1/W409C | 2J-ZC-Y482P1/W409C | 135.0 | 40.5 |
| 100 | 32 | Elast. Rubber ² | Ball | 176 | 2J-ZC-Y480P1/W423 | 2J-ZC-Y480DP1/W423 | 2J-ZC-Y481P1/W423 | 2J-ZC-Y482P1/W423 | 135.0 | 40.5 |
| 100 | 32 | TPR Anti-Static ³ | Ball | 176 | 2J-ZC-Y480P1/W403DS-AS | 2J-ZC-Y480DP1/W403DS-AS | 2J-ZC-Y481P1/W403DS-AS | 2J-ZC-Y482P1/W403DS-AS | 135.0 | 40.5 |
| 125 | 32 | TPU | Ball | 220 | 2J-ZC-Y580P1/W500U | 2J-ZC-Y580DP1/W500U | 2J-ZC-Y581P1/W500U | 2J-ZC-Y582P1/W500U | 161.0 | 39.0 |
| 125 | 32 | TPR | Ball | 220 | 2J-ZC-Y580P1/W503U | 2J-ZC-Y580DP1/W503U | 2J-ZC-Y581P1/W503U | 2J-ZC-Y582P1/W503U | 161.0 | 39.0 |
| 125 | 32 | White Nylon ¹ | Plain | 220 | 2J-ZC-Y580P1/W509C | 2J-ZC-Y580DP1/W509C | 2J-ZC-Y581P1/W509C | 2J-ZC-Y582P1/W509C | 161.0 | 39.0 |
| 125 | 32 | Elast. Rubber ² | Ball | 220 | 2J-ZC-Y580P1/W523 | 2J-ZC-Y580DP1/W523 | 2J-ZC-Y581P1/W523 | 2J-ZC-Y582P1/W523 | 161.0 | 39.0 |
| 125 | 32 | TPR Anti-Static ³ | Ball | 220 | 2J-ZC-Y580P1/W503DS-AS | 2J-ZC-Y580DP1/W523DS-AS | 2J-ZC-Y581P1/W503DS-AS | 2J-ZC-Y582P1/W503DS-AS | 161.0 | 39.0 |
| 150 | 32 | TPU | Ball | 220 | 2J-ZC-Y680P1/W600U | 2J-ZC-Y680DP1/W600U | 2J-ZC-Y681P1/W600U | 2J-ZC-Y682P1/W600U | 189.5 | 50.0 |
| 150 | 32 | TPR | Ball | 220 | 2J-ZC-Y680P1/W603U | 2J-ZC-Y680DP1/W603U | 2J-ZC-Y681P1/W603U | 2J-ZC-Y682P1/W603U | 189.5 | 50.0 |
| 150 | 32 | Elast. Rubber ² | Ball | 220 | 2J-ZC-Y680P1/W623 | 2J-ZC-Y680DP1/W623 | 2J-ZC-Y681P1/W623 | 2J-ZC-Y682P1/W623 | 189.5 | 50.0 |
| 150 | 32 | TPR Anti-Static ³ | Ball | 220 | 2J-ZC-Y680P1/W603DS-AS | 2J-ZC-Y680DP1/W603DS-AS | 2J-ZC-Y681P1/W603DS-AS | 2J-ZC-Y682P1/W603DS-AS | 189.5 | 50.0 |

¹No thread guard. ²Gray elastic rubber tire on pressed steel hub, steel thread guards ³Electrical resistance ≤ 10,000 Ohms.

*To change the top plate from P1 to a Round stem R8, change the part number from 2J-ZC-Y380P1/W300 to 2J-ZC-Y380R8/W300



WHEEL TYPES

- TPU
- Elastic Rubber
- TPR Anti-Static
- White Nylon
- TPR

Threaded Stem (T2 to T10) (25mm = 1in)

| Mtg Code | Stem Dia. | Stem Length |
|----------|-----------|-------------|
| T2 | 1/2-13UNC | 1" |
| T3 | M10 P1.5 | 25mm |
| T4 | M12 P1.75 | 25mm |
| T5 | M16 P2.0 | 25mm |
| T6 | 5/8-11UNC | 1-1/4" |
| T7 | 1/2-12UNC | 1" |
| T10 | 1/2-20UNF | 1" |

Open Bolt Hole (H1 to H3) (25mm = 1in)

| Mtg Code | Diameter | Fits Stem Size |
|----------|----------|----------------|
| H1 | 10.3mm | M10 |
| H2 | 12.3mm | M12 |
| H3 | 12.8mm | 1/2" |